

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                     | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 2397 | 528/31.ccls.                                     | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:05 |
| L2    | 1615 | 528/33.ccls.                                     | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:05 |
| L3    | 662  | 528/17.ccls.                                     | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:06 |
| L4    | 1134 | 528/18.ccls.                                     | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:06 |
| L5    | 4767 | L1 OR L2 OR L3 OR L4                             | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:08 |
| L6    | 3934 | L5 AND (\$15siloxane or \$15silicone)            | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:10 |
| L7    | 260  | L6 AND (metal\$4 with (alkoxide or \$3ethoxide)) | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:14 |
| L8    | 5922 | 428/447.ccls.                                    | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:17 |
| L9    | 4919 | L8 AND (\$15siloxane or \$15silicone)            | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:17 |
| L10   | 319  | L9 AND (metal\$4 with (alkoxide or \$3ethoxide)) | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/09/09<br>14:18 |
| S1    | 1    | "R.sup.1.SiO.sub.3/2"                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/23<br>07:24 |

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|-----|--------|--|---|----|-----|---------------------|
| S9  | 36     | ((("5258458") or ("2728736") or ("2672455") or ("3493424") or ("5073442") or ("5895713") or ("6586522") or ("4351736") or ("4781844") or ("5753569") or ("5466529") or ("5258458") or ("5157094") or ("5156897") or ("3215755") or ("6225403"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/23<br>07:54 |
| S12 | 1      | ("2000328493").PN.   | JPO   | OR | OFF | 2007/10/23<br>11:26 |
| S13 | 0      | ((("4296336") or ("7305053") or ("6212114"))).PN.  | JPO   | OR | OFF | 2007/10/23<br>11:28 |
| S14 | 0      | ("polyorganosiloxane").PN.   | JPO   | OR | OFF | 2007/10/23<br>11:29 |
| S15 | 15047  | polyorganosiloxane   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/23<br>11:29 |
| S16 | 2      | "5258458".PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/06<br>09:06 |
| S17 | 19     | ((("5258458") or ("2728736") or ("2672455") or ("3493424") or ("5073442") or ("5895713") or ("6586522") or ("4351736") or ("4781844") or ("5753569") or ("5466529") or ("5258458") or ("5157094") or ("5156897") or ("3215755") or ("6225403"))).PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/12/10<br>09:02 |
| S18 | 106122 | "528".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/10<br>10:47 |

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| S19 | 3246   | S18 AND SILANOL        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>10:47 |
| S20 | 1865   | S19 AND T              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>10:48 |
| S21 | 588148 | D NEAR2 T              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>10:49 |
| S22 | 196    | S20 AND S21            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>10:50 |
| S23 | 13     | S22 AND alkoxide       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>10:51 |
| S24 | 413    | S18 AND silsesquioxane | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>13:54 |

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| S25 | 62   | S24 AND dimethylsiloxane  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/10<br>13:56 |
| S26 | 9614 | silsesquioxane (methylsiloxane)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>07:16 |
| S27 | 896  | S26 SAME (dimethylsiloxane or PDMS)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>07:17 |
| S28 | 3    | S27 SAME alkoxide   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>07:18 |
| S29 | 6    | ("3527728").URPN.   | USPAT   | OR | ON | 2007/12/12<br>07:23 |
| S30 | 33   | ("3046160"   "3300542"   "3308080"   "3419514"   "3518325"  <br>"3522202"   "3527659"   "3527728"   "3532766"   "3624017"  <br>"3817745"   "3846506"   "3922443"   "3941856").PN. OR<br>("4042643").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/12<br>07:34 |
| S31 | 20   | ("2891920"   "2985544"   "3061567"   "3294725"   "3308203"  <br>"3360491"   "3389102").PN. OR ("3624017").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/12<br>09:08 |
| S32 | 20   | ("3524900"   "3527728"   "3565838"   "3849359").PN. OR<br>("3941856").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/12<br>12:27 |
| S33 | 20   | ("3524900"   "3527728"   "3565838"   "3849359").PN. OR<br>("3941856").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/12<br>12:32 |
| S34 | 81   | S27 AND alkoxide  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/12<br>13:41 |

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| S35 | 81   | S27 AND alkoxide                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>13:42 |
| S36 | 9614 | silsesquioxane (methylsiloxane)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>13:43 |
| S37 | 896  | S36 SAME (dimethylsiloxane or PDMS) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>13:44 |
| S38 | 81   | S37 AND alkoxide                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/12<br>13:44 |
| S39 | 3    | "6565763".PN.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>07:37 |
| S40 | 2    | "6302835".PN.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>08:14 |

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| S42 | 2 | "6231989".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>08:30 |
| S43 | 2 | "6171770".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>08:35 |
| S44 | 2 | "6168867".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>08:42 |
| S45 | 2 | "6127041".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>08:46 |
| S46 | 2 | "5960245".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:14 |
| S47 | 2 | "5908891".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:24 |

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| S48 | 2 | "5861453".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:30 |
| S49 | 2 | "5830950".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:32 |
| S50 | 2 | "5747608".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:38 |
| S51 | 2 | "5028653".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:43 |
| S52 | 2 | "4193885".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>09:52 |
| S53 | 4 | "4122109".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/13<br>10:06 |

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| S54 | 4    | "3175995".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/13<br>10:24 |
| S55 | 2    | "5908891".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/13<br>10:46 |
| S56 | 9    | ("3666681"   "4564467"   "4639489"   "4690713"   "4749740"  <br>"4978471"   "4983316"   "5283004").PN. OR ("5861453").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/13<br>11:35 |
| S57 | 8603 | "methylsilsesquioxane" "T unit" "CH3SiO3/2" "CH.sub.3.SiO.<br>sub.3/2"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/13<br>16:30 |
| S58 | 630  | S57 SAME (PDMS or polydimethylsiloxane or dimethylsiloxane or<br>"D unit")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/13<br>16:34 |
| S59 | 57   | S58 AND alkoxide  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/13<br>16:35 |
| S60 | 0    | ("SILSESQUIOXANEANDDIMETHYLSILOXANE").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/14<br>08:53 |



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| S61 | 79     | SILSESQUIOXANE SAME DIMETHYLSILOXANE           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>08:54 |
| S68 | 2243   | 528/31.ccls.                                   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/14<br>09:35 |
| S69 | 1547   | 528/33.ccls.                                   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/14<br>09:35 |
| S70 | 3534   | S68 OR S69                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:36 |
| S71 | 122    | S70 AND SILSESQUIOXANE                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:36 |
| S72 | 1      | S70 AND (SILSESQUIOXANE SAME DIMETHYLSILOXANE) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:37 |
| S73 | 106147 | "528".CLAS.                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:39 |

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| S74 | 0   | S73 AND "TRIFUNCTIONAL NEAR8 SILOXANE" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:40 |
| S75 | 780 | TRIFUNCTIONAL NEAR8 SILOXANE           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:41 |
| S76 | 653 | DIFUNCTIONAL NEAR8 SILOXANE            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:41 |
| S77 | 223 | S75 SAME S76                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:42 |
| S78 | 29  | S77 AND ALKOXIDE                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>09:42 |
| S79 | 2   | "EP 1085066"                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:28 |

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| S80 | 2    | "4808653".pn.                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:39 |
| S81 | 46   | ("4753855"   "4756977").PN. OR ("4808653").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/14<br>11:42 |
| S82 | 79   | silsesquioxane SAME dimethylsiloxane             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>13:39 |
| S83 | 1590 | silsesquioxane                                   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2007/12/14<br>13:40 |
| S84 | 2    | S83 SAME dimethylsiloxane                        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2007/12/14<br>13:40 |
| S85 | 9628 | silsesquioxane (methylsiloxane)                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>07:22 |
| S86 | 896  | S85 SAME (dimethylsiloxane or PDMS)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>07:22 |

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| S88 | 45   | S86 SAME (titanate OR titanium)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>07:22 |
| S89 | 9628 | silsesquioxane (methylsiloxane)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>13:34 |
| S90 | 896  | S89 SAME (dimethylsiloxane or PDMS) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>13:34 |
| S91 | 392  | S90 AND (titanate OR titanium)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>13:34 |
| S92 | 2    | "6512037".PN.                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>16:06 |
| S93 | 1    | "JP 06258265"                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/19<br>16:20 |
| S94 | 2    | ("3177176").URPN.                   | USPAT   | OR | ON | 2007/12/20<br>07:19 |

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| S95  | 0 | ("3002949").URPN.   | USPAT   | OR | ON | 2007/12/20<br>07:52 |
| S96  | 0 | ("3002949").URPN.   | USPAT   | OR | ON | 2007/12/20<br>07:52 |
| S97  | 5 | ("2934464").URPN.   | USPAT   | OR | ON | 2007/12/20<br>08:47 |
| S98  | 1 | "7153583".PN.   | USPAT   | OR | ON | 2007/12/20<br>09:28 |
| S99  | 1 | "6842577".PN.   | USPAT   | OR | ON | 2007/12/20<br>09:33 |
| S100 | 1 | "5874018".PN.   | USPAT   | OR | ON | 2007/12/20<br>09:42 |
| S101 | 1 | "6561807".PN.   | USPAT   | OR | ON | 2007/12/20<br>09:46 |
| S102 | 0 | "7924732".PN.   | USPAT   | OR | ON | 2007/12/20<br>10:05 |
| S103 | 1 | "7294732".PN.   | USPAT   | OR | ON | 2007/12/20<br>10:05 |
| S104 | 1 | "7211198".PN.   | USPAT   | OR | ON | 2007/12/20<br>10:26 |
| S105 | 2 | "5895794".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>10:43 |
| S106 | 2 | "6710124".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/20<br>10:58 |
| S107 | 4 | ("5708057"   "5871761"   "6476123"   "6534126").PN. OR<br>("6710124").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>11:02 |
| S108 | 1 | "6001523".PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>11:17 |

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| S109 | 1  | "5449712".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>11:19 |
| S110 | 1  | "5232783".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>11:22 |
| S111 | 1  | "4985286".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>13:08 |
| S112 | 25 | ("4467068"   "4500669"   "4518727"   "4547397"   "4702773"  <br>"4757106"   "4780245"   "4788001"   "4847120"   "4874547").PN.<br>OR ("4985286").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>13:29 |
| S113 | 1  | "4518727".pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/20<br>15:47 |
| S114 | 2  | "6534126".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:09 |
| S115 | 2  | "5777059".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:11 |
| S117 | 2  | "5908891".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:13 |
| S118 | 2  | "5914362".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:15 |

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| S119 | 2 | "5977191".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:16 |
| S120 | 0 | "10588246".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:19 |
| S121 | 1 | "10588246"     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:19 |
| S122 | 2 | "10512733"     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:22 |
| S123 | 1 | "10586010"     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:29 |
| S124 | 2 | "5421866".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:33 |

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| S125 | 1 | "10591187"    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:35 |
| S126 | 1 | "60541002"    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:37 |
| S127 | 6 | "jp 60081278" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:40 |
| S128 | 2 | "jp 54125767" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>07:45 |
| S130 | 0 | "uk 834376"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>08:26 |
| S131 | 0 | "uk 0834376"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>08:27 |



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| S132 | 0      | "Gb 834376"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>08:27 |
| S133 | 0      | "jp 48013399"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26<br>08:41 |
| S134 | 457577 | silicone organopolysiloxane polyorganosiloxane  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:15 |
| S135 | 211144 | S134 AND (fire or heat or stain)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:16 |
| S136 | 14809  | S135 AND (TITANATE OR "TITANIC ACID ESTER" OR "TITANIUM ALKOXIDE" OR "ZIRCONIUM ALKOXIDE" OR ZIRCONATE) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:20 |
| S137 | 21     | S136 AND RSIO   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:23 |

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| S138 | 56     | S136 AND R\$1SiO   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:33 |
| S139 | 70     | S136 AND R\$1SiO   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>08:39 |
| S140 | 25     | ("4467068"   "4500669"   "4518727"   "4547397"   "4702773"  <br>"4757106"   "4780245"   "4788001"   "4847120"   "4874547").PN.<br>OR ("4985286").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/27<br>11:04 |
| S141 | 44247  | polydimethylsiloxane dimethylpolysiloxane dimethylsiloxane   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/27<br>11:43 |
| S142 | 457577 | silicone organopolysiloxane polyorganosiloxane   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>11:44 |
| S143 | 211144 | S142 AND (fire or heat or stain)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>11:44 |
| S144 | 14809  | S143 AND (TITANATE OR "TITANIC ACID ESTER" OR "TITANIUM<br>ALKOXIDE" OR "ZIRCONIUM ALKOXIDE" OR ZIRCONATE)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/27<br>11:44 |
| S145 | 2924   | S144 AND S141  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/12/27<br>11:44 |

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|------|-----|--|---|----|-----|---------------------|
| S146 | 761 | S145 AND (METHYLTRIETHOXYSI LANE OR METHYLTRICHLOROSI LANE OR METHYLTRIMETHOXYSI LANE)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/27<br>11:48 |
| S147 | 2   | "6723439".PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/07<br>10:50 |
| S148 | 5   | "680929".PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/07<br>10:52 |
| S149 | 2   | ("6451437").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/07<br>10:52 |
| S150 | 0   | ("6245431.PN.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/27<br>09:02 |
| S151 | 2   | "6245431".PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/27<br>09:03 |
| S152 | 30  | ("2464242"   "2504388"   "2606510"   "2672104"   "3002946"  <br>"3308079"   "3308080"   "3419514"   "3632793"   "3925276"  <br>"4087478"   "4204021"   "4302512"   "4443502"   "4546018"  <br>"4585705"   "4677147"   "4681908"   "4895766").PN. OR<br>("6245431").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/05/27<br>09:03 |
| S153 | 1   | "5275645".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/05/27<br>12:26 |

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| S154 | 20     | ("4080190"   "4227929"   "4311629").PN. OR ("5275645").URPN.             | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>12:26 |
| S155 | 1      | "6482888".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>12:30 |
| S156 | 650    | 528/17.CCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>12:47 |
| S157 | 139593 | (MT OR DT OR T) SAME resin   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>12:52 |
| S158 | 161090 | (MT OR DT OR T) SAME RESIN   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:52 |
| S159 | 11192  | silsesquioxane or methylsiloxane   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:53 |
| S160 | 171463 | S158 OR S159   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:53 |
| S161 | 112300 | titanate (titanium with alkoxide) (zirconium with alkoxide)<br>zirconate | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:58 |
| S162 | 7334   | S161 AND S160  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:58 |

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| S163 | 54020 | dimethylsiloxane PDMS polydimethylsiloxane | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:59 |
| S164 | 1060  | S162 AND S163                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>12:59 |
| S165 | 33    | S164 AND S156                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/27<br>13:00 |
| S166 | 1     | "6245431".PN.                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/27<br>15:14 |
| S167 | 2     | "2672455".PN.                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>07:24 |
| S168 | 3     | ("2672455").URPN.                          | USPAT   | OR | ON | 2008/06/09<br>07:34 |
| S169 | 1     | "2868750".PN.                              | USPAT   | OR | ON | 2008/06/09<br>07:39 |
| S170 | 0     | ("2868750").URPN.                          | USPAT   | OR | ON | 2008/06/09<br>07:41 |
| S171 | 0     | ("2868750").URPN.                          | USPAT   | OR | ON | 2008/06/09<br>07:41 |
| S172 | 0     | ("2868750").URPN.                          | USPAT   | OR | ON | 2008/06/09<br>07:41 |
| S173 | 0     | ("2868750").URPN.                          | USPAT   | OR | ON | 2008/06/09<br>07:41 |

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| S174 | 4  | "2721855".PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/09<br>07:42 |
| S175 | 8  | ("2721855").URPN.  | USPAT   | OR | ON | 2008/06/09<br>07:46 |
| S176 | 1  | "4708807".PN.  | USPAT   | OR | ON | 2008/06/09<br>07:53 |
| S177 | 83 | ("2672455"   "2732320"   "3123494"   "4122029"   "4501682").<br>PN. OR ("4708807").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>07:54 |
| S178 | 1  | "6534126".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:08 |
| S179 | 1  | "4554331".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:12 |
| S180 | 1  | "4595610".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:13 |
| S181 | 1  | "4846886".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:14 |
| S182 | 1  | "4874431".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:16 |
| S183 | 1  | "5620485".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:17 |
| S184 | 1  | "6656975".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:19 |
| S185 | 1  | "5861453".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:20 |
| S186 | 1  | "5248739".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:25 |
| S187 | 1  | "5373078".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:26 |
| S188 | 1  | "5508360".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:29 |

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| S189 | 1    | "5445912".PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>08:56 |
| S190 | 1    | "4212897".pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>15:06 |
| S191 | 33   | ("2681878"   "2923095"   "2988473"   "3151969"   "3248409"  <br>"3375163"   "3470292"   "3480653"   "3481768"   "3590118"  <br>"3641239"   "3836647"   "3953591").PN. OR ("4212897").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/09<br>15:24 |
| S192 | 2    | "4212897".PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/11<br>14:23 |
| S193 | 2287 | 528/31.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/11<br>15:13 |
| S194 | 1562 | 528/33.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/11<br>15:13 |
| S195 | 3587 | S193 OR S194   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:13 |
| S196 | 126  | S195 AND SILSESQUIOXANE  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/11<br>15:13 |
| S197 | 1087 | 528/29.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/12<br>12:46 |
| S198 | 2425 | 528/31.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/22<br>16:22 |

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| S199 | 171  | S198 AND (silsesquioxane or (trifunctional NEAR (siloxane or silicone)) or monoorganosiloxane)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/10/22<br>16:24 |
| S200 | 1    | "20060100359"  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:07 |
| S201 | 1050 | 528/29.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:18 |
| S202 | 516  | 528/20.CCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:19 |
| S203 | 1595 | 528/33.CCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:19 |
| S204 | 657  | 528/17.CCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:24 |
| S205 | 1104 | 528/29.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/26<br>09:24 |
| S206 | 2467 | 528/31.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/26<br>09:24 |
| S207 | 5226 | S205 OR S206 OR S202 OR S203 OR S204   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:24 |
| S208 | 1774 | S207 AND (siloxane or silsesquioxane or organosilicon or silicone)<br>AND (zirconium or zirconate or titanium or titanate)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:27 |
| S209 | 13   | ("4273834"   "4370385"   "4467068"   "4656221"   "4677147"  <br>"4681908"   "4801445"   "4837274"   "4871616"   "4895766"  <br>"4985286").PN. OR ("5095086").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>09:51 |
| S211 | 57   | ((blackwood NEAR3 william) or (kenneth NEAR3 fey) or (randal<br>NEAR3 schmidt) or (lori NEAR3 stark\$8)).inv.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>14:15 |
| S212 | 25   | S211 AND (siloxane or silicone or organosilicon or silsesquioxane)<br>AND (titanium or titanate or zirconium or zirconate)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/03/26<br>14:16 |



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| S213 | 3 | "4212897".pn. | US-PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>10:33 |
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